



Ref. Certif. No.

JP-25748-M1-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Switching Power Supply
Name and address of the applicant	TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER R&D DIV 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN
Name and address of the manufacturer	TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER R&D DIV 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN
Name and address of the factory	TDK-LAMBDA CORP 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195 JAPAN <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	For Models other than ZWS300BAF-24/cdefg17: Input: AC 100-240V, 50-60Hz, 4.0A Output: Refer to Test Report For Model ZWS300BAF-24/cdefg17: Input: AC 100-240V, 50-60Hz, 3.4A Output: Refer to Test Report
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Additionally evaluated to EN IEC 62368-1:2020/ A11:2020. National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 3
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E122103-A6194-CB-1 issued on 2024-02-13

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2024-02-14
Original Issue Date: 2021-12-16

Signature:
Masamichi Takagi



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Factory(ies):

TDK-LAMBDA MALAYSIA SDN BHD
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR
MALAYSIA

TDK-LAMBDA MALAYSIA SDN BHD
LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN PAHANG
MALAYSIA

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD
NO.95, ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028
CHINA

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU 215622
CHINA

ALPS LOGISTICS FACILITIES CO LTD
593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831
JAPAN

YOKOTE SEIKO Co.,Ltd.
1-71 Arayatorikimachi Akita-shi Akita 010-1633
JAPAN

Model Detail(s):

ZWS300BAF-abcdefg
a = 12, 15, 24, 36, 48,
b = "/" or blank,
c = "T" or blank,
d = "R" or blank,
e = "A", "L" or blank,
f = "CO2" or blank
g = "FG" or blank

ZWS300BAF-24/cdefg17
c = "T" or blank,
d = "R" or blank,
e = "A", "L" or blank,
f = "CO2" or blank
g = "FG" or blank

EVS18-16R7abcdef, EVS36-8R4abcdef, EVS57-5R3abcdef
a = "/" or blank,
b = "B" or blank,
c = "R" or blank,
d = "A", "L" or blank,
e = "CO2" or blank
f = "FG" or blank

Additional information (if necessary)



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- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Summary of Modifications:

- Addition of Factory, YOKOTE SEIKO Co.,Ltd.
- Addition of China National Differences and Japan National Differences.
- Update of USA and Canada National Differences.
- Addition of Alternate X-Capacitor (C1, C4), Xiamen Faratronic Co. Ltd., type MKP62 and Europtronic (SuZhou) Co. Ltd., type MPX2.
- Addition of Alternate Y-Capacitors (C2, C3), Y-capacitor (C8, C9) (for models ZWS300BAF-12 and 15, EVS series) and Y-capacitor (C8) (for models ZWS300BAF-24, 24/17, 36 and 48), Murata Mfg. Co., Ltd., type RA-Series.
- Addition of Alternate Optical Isolator/ PC101, PC102, PC103 (PC103: optional) (for models with suffix "R"), Everlight Electronics Co., Ltd., type EL3H7 V.
- Deletion of Alternate Transformer (T1), Nippon Ceramic Co., Ltd., type N23104 with or without suffix.
- Deletion of Alternate Wire of T1 (Triple Insulated wire), Shanghai Lucky Trade Co., Ltd., type TIW-B.
- Update of manufacturer name, model name, standard and/or Mark of conformity of some components of table 4.1.2.

Additional information (if necessary)



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- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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